CLAIMS

What is claimed is:
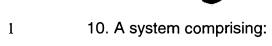
1   1. A method comprising:

2   Sending a query; and

3   Receiving a response including a set of records of available services, each

4   record of the set including a service name and a service virtual communication port.

1   2. The method of claim 1 further comprising:

2   Connecting to each service for which a record exists in the set of records.

1   3. The method of claim 1 wherein:

2   The query is sent utilizing a Bluetooth protocol SDP request and the response is

3   received in the form of an SDP response.

1   4. The method of claim 1 further comprising:

2   Connecting to a first service for which a record exists in the set of records

3   utilizing the service name of the first service to initiate connection.

1   5. The method of claim 1 further comprising:

2   Connecting to a second service for which a record exists in the set of records

3   utilizing the service name of the second service to initiate connection.

1   6. The method of claim 5 wherein:

2   The query is sent utilizing a Bluetooth protocol SDP request and the response is

3   received in the form of an SDP response.

1   7. An apparatus comprising:

2   means for sending a query; and

3   means for receiving a response including a set of records of available services,

4   each record of the set including a service name and a service virtual communication

5   port.

1   8. The apparatus of claim 7 wherein:

2   the means for sending a query utilizes a Bluetooth protocol SDP request as the

3   query; and

4   the means for receiving a response is configured to receive a Bluetooth protocol

5   SDP response.

1   9. The apparatus of claim 8 further comprising:

2   means for connecting to each service for which a record exists in the set of

3   records.

1   10. A system comprising:

2   a processor;

3   a control hub coupled to the processor;

4   an I/O interface coupled to the control hub;

5   wherein: the processor, control hub, and I/O interface are collectively configured

6 to:

7   Send a query; and

8   Receive a response including a set of records of available services, each record

9 of the set including a service name and a service virtual communication port.

1   11. The system of claim 10 wherein:

2   the I/O interface includes a Bluetooth interface.

1   12. The system of claim 11 wherein:

2   the processor, control hub, and I/O interface are further configured to:

3   Connect to each service for which a record exists in the set of records.

1   13. A machine-readable medium embodying instructions, the instructions, when

2 executed by a processor, causing the processor to perform a method, the method

3 comprising:

4   Sending a query; and

5   Receiving a response including a set of records of available services, each

6   record of the set including a service name and a service virtual communication port.

1   14. The machine-readable medium of claim 13 further embodying instructions,

2   the instructions, when executed by a processor, causing the processor to perform a

3   method wherein:

4   The query is sent utilizing a Bluetooth protocol SDP request and the response is

5   received in the form of an SDP response.

1   15. The machine-readable medium of claim 14 further embodying instructions,

2   the instructions, when executed by a processor, causing the processor to perform a

3   method further comprising:

4   Connecting to a first service for which a record exists in the set of records

5   utilizing the service name of the first service to initiate connection; and

6   Connecting to a second service for which a record exists in the set of records

7   utilizing the service name of the second service to initiate connection.

1   16. A method comprising:

2   Receiving a query;

3   Sending a response to the query, the response including a set of records of

4   available services, each record of the set including a service name and a virtual

5   communication port.

1   17. The method of claim 16 wherein:

2   The query is received as a Bluetooth protocol SDP request and the response is

3   sent as an SDP response.

1   18. The method further comprising:

2   Connecting a first service of the available services to a remote device based on

3   a service name of the first service supplied by the remote device.

1   19. The method further comprising:

2   Connecting a second service of the available services to a remote device based

3   on a service name of the second service supplied by the remote device.

1   20. An apparatus comprising:

2   means for receiving a query; and

3   means for sending a response to the query, the response including a set of

4   records of available services, each record of the set including a service name and a

5   virtual communication port.

1   21. The apparatus of claim 20 wherein:

2   The query is received as a Bluetooth protocol SDP request and the response is

3   sent as an SDP response.

1   22. The apparatus of claim 21 further comprising:

2   means for connecting a service of the available services to a remote device

3   based on a service name of the service supplied by the remote device.

1   23. A system comprising:

2   a processor;

3   a control hub coupled to the processor;

4   an I/O interface coupled to the control hub;

5   wherein: the processor, control hub, and I/O interface are collectively configured

6   to:

7   Receive a query; and

8   Send a response to the query, the response including a set of records of

9   available services, each record of the set including a service name and a virtual

10   communication port.

1.   24. The system of claim 23 wherein:

2   the I/O interface includes a Bluetooth interface; and

3   The query is received as a Bluetooth protocol SDP request and the response is

4   sent as an SDP response.

1   25. The system of claim 24 wherein the processor, control hub, and I/O interface

2   are further configured to connect a service of the available services to a remote device

3   based on a service name of the service supplied by the remote device.

1   26. A machine-readable medium embodying instructions, the instructions, when

2   executed by a processor, causing the processor to perform a method, the method

3   comprising:

4   Receiving a query;

5   Sending a response to the query, the response including a set of records of

6   available services, each record of the set including a service name and a virtual

7   communication port.

1   27. The machine-readable medium of claim 26 further embodying instructions,

2   the instructions, when executed by a processor, causing the processor to perform a

3   method wherein:

4   The query is received as a Bluetooth protocol SDP request and the response is

5   sent as an SDP response.

1   28. The machine-readable medium of claim 27 further embodying instructions,

2   the instructions, when executed by a processor, causing the processor to perform a

3   method further comprising:

4   Connecting a first service of the available services to a remote device based on

5   a service name of the first service supplied by the remote device.

1   29. The machine-readable medium of claim 28 further embodying instructions,

2   the instructions, when executed by a processor, causing the processor to perform a

3   method further comprising:

4   Connecting a first service of the available services to a remote device based on

5   a service name of the first service supplied by the remote device.